## **URGES NECESSITY** OF NEW SCHOOLS

Superintendent Christensen Recommends Erection of Three Buildings.

SITUATION IS REVIEWED

SEVERAL BUILDINGS NOW ARE SERIOUSLY CROWDED.

\*\*\*\*\*\*\*\*\*

Recommendations summarized:
A twenty-four-room building in the southwestern part of the city to relieve the Grant. Summer, Hamilton and Oquirrh schools.
A twelve-room building in the Franklin district, or as annex to the present building, to relieve the Franklin and Riverside schools.
An eighteen-room building in the northeastern part of the city to relieve the Wasatch and Lowell schools and to provide for the rapidly increasing school population in this section.

board of education committee on buildings and grounds, Superintendent D. H. Christensen calls attention to the needs of additional room for the accommoda tion of pupils. He refers particularly to conditions at the Grant. Sumner, Hamilton and Oquirrh schools.

\*\*\*\*\*\*\*\*

most urgent," says the superintendent; in fact an additional building, in my opinion, is absolutely necessary. In all of these buildings small rooms that ought not to be used continuously are brought into service for full day sessions. It is impossible to ventilate and heat these rooms satisfactorily when their use is continuous.

The information is given below in tab-

"I consider the need here to be the

Table Committee	pacity.	Punils
Grant school	760	935
Annex L	12.50	62
CHARLE MILLEY II.		60
Hamilton school	600	746
Flamilton Annex		34
Sumner school	500	654
Sumner Annex	alas a	75
Gquirrh school	760	829
A RESIDENCE OF THE PARTY OF THE		

"For some years the Franklin has been greatly overcrowded. Built originally to accommodate about 375 pupils, the former district now has over 1.100 school children. While about 300 of these have been diverted to the Riverside school, constructed later, approximately 700 have been under the direction of the principal of the Franklin school, until the readjustment of boundaries made at the beginning of the present semester. To make provision for the increased attendance the board was compelled to equip the four basement rooms, and later to rent six additional rooms in that neighborhood.

"The erection of a twelve-room build-"

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"The erection of a twelve-room build-"

"The erection of a twelve-room building in the Franklin district would not, in my opinion, anticipate the increase in population for more than two or three years.

offee and cigars, with liberal potations of the years.

The Wasatch building was originally an eight-room structure. Lafely the four basement rooms have been fitted up for school work, thus making it a twelve-room building. While these rooms have been fitted up for the common objection of low ceilings, they are, in other respects the best basement rooms in the city. In fact, they are, in other respects the best basement rooms in the city. In fact, they are in several essential respects better than some rooms in other buildings located on first and second floors. Very satisfactory work can be done in the Wasatch school with an attendance of 569 pupils, requiring thirteen teachers. This would, of course, necessitate double-session with in first grade. Experience, however, shows that results secured in double-sessions in first grade have been quite as satisfactory was the results in single sessions in this grade.

The attendance at present in the Wasatch school with an attendance at present in the Wasatch school with an attendance of 569 pupils, requiring the proposed in the said there should be no partisanship in the ceiebration of the conduit and structure. Commercial club. In the course of his bone extended to George O. Chancy, principal assistant engineer; L. L. Parke, clay assistant engineer; L. L. Pa

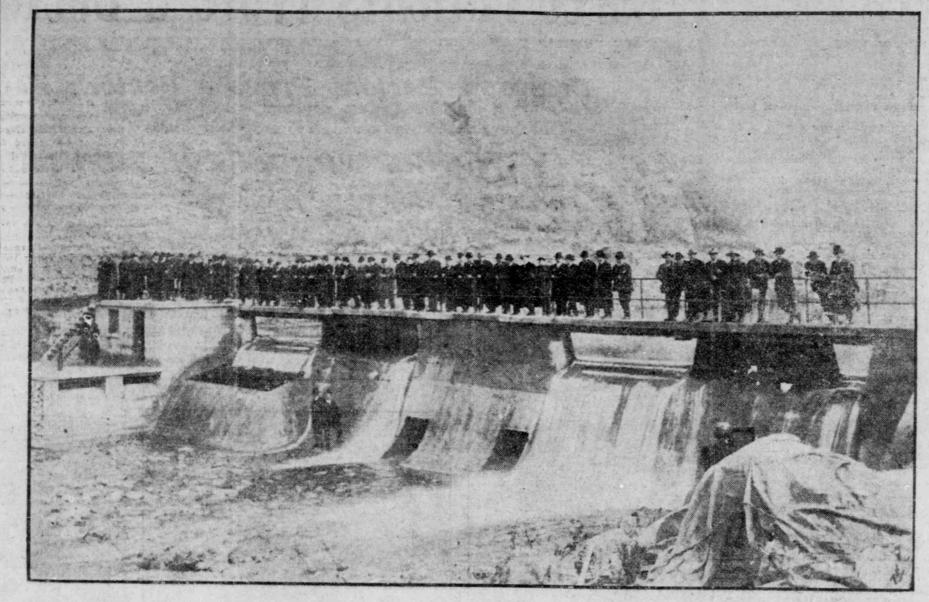
## THREE MEN KILLED.

Odebolt, Ia., Feb. 9.-Three men were killed and several more were injured in the collapse of the ruins of the Madison-Motie general store here this afternoon The dead are:

Charles Krustentjerna, 30 years old, married, with three children. Harry Johnson, 21 years old, single. Charles J. Hanson, 36 years old, mar-

## STEADY HAND

## BIG COTTONWOOD CONDUIT IN ACTION



Photograph of the dam and intake of the Big Cottonwood conduit, with the Utah Power company's plant in the distance. The left of the picture shows the city's portion of the water entering the conduit. In the center of the line of people on the bridge are Mayor Thompson, Former Mayor Morris, Speaker Joseph. Councilman Mulvey and Colonel E. A. Wall, former chairman of the board of public works.

ments have beset the contractor. Maabeur eighty guests took special cars the cost and at the same time increase the efficiency of supervision. They make possible a classification of pupils that permits more individual teaching and less class teaching; the cost per room in original construction is evidently less.

Frankfin Overruled.

Works committee of the city council, about eighty guests took special cars to be the excavation cost a little more than figured. The engineers want things done a little different from what was expected, and labor costs more. I wish to say, gentlemen, that during the history of contract work in this vicinity, who had given the waters of Big Cottonwood are dispute or litigation. The stand a monument to the enterprise of Salt Lake City and her citizens for done a little more than figured. The excavation cost a little more than figured. The engineers want things done a little different from what was expected, and labor costs more. I wish to say, gentlemen, that during the history of contract work in this vicinity, labor has never been as scarce nor cost a little more than figured. The encity and her citizens for Salt Lake City and her citizens for done a little different from what was expected, and labor costs more. I wish to say, gentlemen, that during the history of contract work in this vicinity, labor has never been as scarce nor cost a little more than figured. The engineers want things done a little different from what was expected, and labor costs more. I wish to say, gentlemen, that during the history of contract work in this vicinity, labor has never been as scarce nor cost a little more than figured. The encity sportion, so that there can be to be, the excavation cost a little more than figured. The engineers want things done a little different from what was expected, and labor costs more. I wish to be the thing of the cost per room in original construction. The total figure done a little different from what was every sent of the city sportion, or dispute or litigation. The t

coffee and cigars, with liberal potations construction on this one-half million of amber beer, constituted the bill of dollars worth of work.

"We have reason to congratulate the former administration," he said, "for inaugurating, and the present administration for carrying to completion this work, which is to provide a water supply for a city of the population of 150, ohildren more than the buildings can accommodate. Add to these the probable increase for next year, and the number will reach 500. The need, therefore, of a building in the northeastern part of the city, with twelve or eighteen rooms, is evident."

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Salt Lake has now the greatest water in the designing and superintending the work and interest he has displayed. With this conduit completed, Salt Lake has now the greatest water.

History of Project. Salt Lake has now the greatest water system for a city of its size in the

Inited States. Toastmaster Mulvey then called on give you a little history. former Mayor Morris as "the man who has made it possible for us all to be was our first city engineer. His name

fully had it not have been for the har- stream.

on the half-shell, oyster soup, fresh work from the very beginning. With all mountain trout, turkey, roast beef, salads, apple pie, ice cream, cakes, fruits, man, belongs the credit of an honest

## History of Project.

"And now, gentlemen, I would like to

is A. F. Doremus, and I am glad to say Mayor Morris spoke briefly, with modest pride for the completion of this greatest monument to his administration, and complimented the present administration for its successful carrying something to drink. I believe, gentlement of the plans for increasing that the plans for increasing that the plans for increasing that the plans for increasing the complete that it is a name we can all be proud that it is a name we can all be proud to find the plans advised the city council that some day we would necessarily come to this creek to get the completion of this city council that it is a name we can all be proud that it is a name we can all be proud that it is a name we can all be proud that it is a name we can all be proud that it is a name we can all be proud to find the proud that it is a name we can all be proud to find the city council that some day we would necessarily come to this creek to get into effect of the plans for increasing the water supply. He also gave praise to Contractor Moran and others who have assisted him in the work of construction.

Struction.

Something to drink. I believe, gentle men, that Mr. Doremus has lived to see that the most desired—one is the supply of water coming to our fair city from this stream, and the other is the gravity city.

Something to drink. I believe, gentle men, that Mr. Doremus has lived to see that the most desired—one is the supply of water coming to our fair city from this stream, and the other is the gravity city.

murmured; never asked the city to give him more time, never complained of spirited speech, delivering the keynote the water running over the dam at all Nearly an hour was spent in inspecting ing the reservoir and dam, which are a man.

In the water running over the dam at quoted at the beginning of this article. The water running over the dam at the regarded this as the greatest step measurements at stated periods to a man. taken for the building up of Salt Lake City and county, without which the city would not now be on the high prosperity, with skyscrapers rearing their heads as though to vie with the vast peaks of the Wasatch Engineer Kelsey, from a technical and range, and everybody confident of the coming prosperity, Mr. McDonald's speech was greeted with a round of hearty applause, which showed the

apart one day early next summer as a checking the force to a degree that al-holiday, to be observed in celebration lews the water to flow upward into the

specke briefly, as did also A. L. Parker, city engineer as Continuous and Continuous and Continuous as Continuous

## Talk by Doremus.

A. F. Doremus, consulting engineer on the work, and the dean of engineers of Utah, spoke of the acquirement of the Big Cottonwood water and the com pletion of the conduit as " at least the beginning of the work of supplying our city with water." He said, with the prophetic view of the skilled engineer, that the city must not stop at this, but lay plans for the future, when the city shall be greater and the present supply inadequate.

At the conclusion of the dinner the start was made for the outlet to the

start was made for the outlet to the conduit, which empties into the city's reservoir at the mouth of Parley's canyon. The road in its entire length is in yiew of the line of the conduit, stretching serpent-like along the mountainside.

After an inspection of this part of the

STEADY HAND.

A Surgeon's Hand Should Be the Firmest of All.

Firmest of All.

For fitteen years I have suffered from itseormals, analgestion and others were follows:

What Kelsey Said.

"The dyspepsia became so bad that I had to limit myself to one cup at breakfast. Even this caused me to lose in the surgeon of the control of the party was driven to the state price. Where cars were taken for early missed the party was driven to the state price. Where cars were taken for the committee of the party was driven to the state price. Where cars were taken for the position of this part of the work of contract-working the party was driven to the state price. Where the party was driven to the state price. A mong those in the party was driven to the state price. Where the party was driven to the state price. Where the party was driven to the state price. Where the party was driven to the state price. Where the party was driven to the state price. Where the party was driven to the state price. Where the party was driven to the state price. Where the party was driven to the state price. Where the party was driven to the state price. Where the party was driven to the state price. A mong those in the party was driven to the state price. Where the party was driven to the state price. Where the party was driven to the state price. A mong those in the party was driven to the state price. Where the party was driven to the state price. A mong those in the party was driven to the state price. A mong those in the party was driven to the state price. A mong these for the party was driven to the state price. A mong these for the following the price. The party was driven to the state price. A mong these for the party was driven to the state price. A mong these for the party was driven to the state price. A mong these follows for the party was driven to the state price. A mong these follows for the party was driven to the state price. A mong

construction of this conduit so successfully had it not have been for the harmonious attitude of all concerned.

tonwood to measure the waters of that E. H. Davis, and F. J. Hewlett, Charles Stream.

First Move Is Made.

First Move Is Made. Hamilton school or 18

Hamilton annex 50 34

Hamilton annex 50 35

officials in their work of prepara- tube extending from the top of the days tion for taking in the water of Big Cot- into the house has at its end a glass measurements at stated periods to ascertain the relative flow. This removes another source of dispute and annoy-

The conduit and its construction are practical standpoint, and need no repe-

The conduit runs to a point 180 feet above the Parley's canyon reservoir and to reduce the force of the fall i became necessary to complete the con-duit in a sort of stairway, each fal checking the force to a degree that alof the completion of the conduit, with reservoir without damage to the walls The water comes rushing and roaring through this enclosed stairway, which has air vents at each successive step

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When the cap is removed from one of these vents, the air rushes up like a young eyclone, with force sufficient to hold up a heavy board, and the spray is dashed high in the air, like a minia-

ure Niagara. The stairway conduit is regarded by

### engineers as a superior piece of work. Reservoir Renovated.

The reservoir at that point recently has been raised several feet, thoroughly partner of Councilman Mulvey in the leaned and put in first-class condition. Its base is a sheer rock wall, rising di- gret. rectly in the middle of the canyon, as though defying the powers of air and

water to break it down. It was at first intended to turn the water into the conduit yesterday, but freumstances made it necessary to do this at an earlier date, so that on last Tuesday Assistant City Enginee: Chany" turned the gate which let in the waters. A volume amounting to 25,-000,000 gallons per day, within 7,000,000 gallons of the full capacity of the conduit, was turned in at the start. From that time until now the water has been running constantly through it, with not a drop of leakage, thus establishing the strength of its construction and the wisdom of its design.

With few changes, the conduit was Logan, Feb. 9.—M. H. Petersen, Mike boys who burglarized an O. S. L. car at Trenton some weeks ago, were sentenced

With few changes, the conduit was built according to the plans of George built according to the plans of George
M. Bacon, who suggested the abandonment of the cylindrical form for
straight side walls and a slightly concave bottom. The concrete is reinforced with twisted steel bars. The
saving in the design of Mr. Bacon was
fully \$100,000 over the cylindrical form.
To Mr. Bacon, who was assistant city
engineer under the Morris administration, is therefore due a large share of
the credit of this work.

Notes of the Day.

to serve one year each in the state prison
the minimum sentence.

There was a very large turnout at the
funeral of William F. Rigby, the man
killed by a train at Cache Junction,
which occurred in Newton today. Addresses eulogistic of the deceased were
made by prominent men from various
places in this and Weber countries.

The county commissioners met this afternoon and named the following road
supervisors: Hyrum, William Daley.
College J. D. Nuttal and Anthon Koller,
Smithfield, Robert B. Thornley; Paradisc, William H. Shaw; Lewiston. Samuel Kent; Cove, Solomon Allen; Clarks

Notes of the Day.

"I am gratified," said former Mayor Morris. "over the expressions I have heard commending the action of the city council under my administration for purchasing the East Jordan canal stock, thus making it possible to secure so large a portion of the water of Big 'ottonwood. The act I regard as one of the best of the whole transaction, and it gratifies me to know the public

councilman was not in the least afraid.

If Camp Moran were only nearer the city, Pat Moran might easily set himself up in opposition to Fisher Harris and the Commercial club in getting up swell banquets.

The suggestion of "Big Cottonwood day" next summer, by Charles A. Quigley, was received with much favor.

Mayor Thompson and former Mayor Morris sat side by side, in peace and amity, at the banquet board. The absence of Councilman Black as a side

Colonel E. A. Wall showed up con spicuously in all the pictures taken by

the enterprising photographers.

The picture in today's Herald tells the story of the Big Cottonwood dam

## OFFENDERS SENTENCED.

more eloquently than words.

### Get One Year Each in State Prison for Burglarizing O. S. L. Freight Car.

to serve one year each in the state

### PROVO DIVIDENDS.

George Summers.

Provo, Feb. 9 .- Two Provo comp of the best of the whole transaction, and it gratifies me to know the public is beginning to take the same view."

Come one yelled to Councilman Martin Mulvey to be careful, lest he fall into a two-foot hole, but the rotund close on the 12th.

Come one yelled to Councilman Martin Mulvey to be careful, lest he fall into a two-foot hole, but the rotund close on the 12th.

We sell them; we repair them. A watch is a delicate piece of mechanism. It requires scientific workmanship. Our guarantee protects you. J. H. Knickerbocker,

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= Place ====

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